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1654

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: JIA
SERIAL NO.: 10/091,362
FILED: MARCH 1, 2002
TITLE: IDENTIFICATION OF FREE-B-RING
FLAVONOIDS AS POTENT COX-2
INHIBITORS

EXAMINER: MELLER, M. V.
ART UNIT: 1654
CONF. NO. 7281

10/B
P.83
2/5/03

Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT AND REMARKS

Sir:

An Office Action was mailed in the above-captioned application on December 2, 2002. In such Office Action pending claims 1, 4, 7 and 19-21 were rejected. This Amendment and Remarks document is submitted in response to said Office Action.

AMENDMENT

In the Claims

B¹
1. (twice amended) A method for inhibiting the cyclooxygenase enzyme COX-2 comprising administering to a host in need thereof a composition comprising 10% to 100% of a mixture of Free-B-Ring flavonoids; wherein said composition is isolated from a plant selected from the Labiatae family, the Scutellaria genus and the *Scutellaria baicalensis* species.

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4. (twice amended) The method of claim 1 wherein said Free-B-Ring flavonoids are isolated from a plant part.

B³
19. (amended) A method for inhibiting the cyclooxygenase enzyme COX-2 comprising administering to a host in need thereof a composition comprising 10 % to